

PATENT COOPERATION TREATY

PCT

INTERNATIONAL-TYPE SEARCH REPORT

(PCT Article 15.5)

National application No. 0300756-4	Country or Office of filing SE	Applicant's or agent's file reference 612SE
Filing date (day/month/year) 21 March 2003		(Earliest) Priority Date (day/month/year)
Applicant Metso Dynapac AB		

Date of request for international-type search 21 March 2003	International-type search request No. SE 03/00186
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This international-type search report has been prepared by this International Searching Authority and is transmitted to the applicant.

This international-type search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I).
2. ☐ Unity of invention is lacking (See Box II).
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international-type search was carried out on the basis of the sequence listing

☐ filed with the international application.
☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ transcribed by this Authority.

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

SE 03/00186

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: E01C 19/28, E02D 3/074

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E01C, E02D, B06B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3192839 A (C. VIVIER), 6 July 1965 (06.07.65) --	1-8
A	US 4568218 A (G.J. ORZAL), 4 February 1986 (04.02.86) --	1-8
A	WO 0005455 A1 (STURESSON, R.), 3 February 2000 (03.02.00) --	1-8
A	GB 2159236 A (B. KALTENEGGER), 27 November 1985 (27.11.85) --	1-8

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international-type search

7 October 2003

Date of mailing of the international-type search report

2003-10-10

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Swedish Patent Office
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INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

SE 03/00186

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4481835 A (S. STORM), 13 November 1984 (13.11.84) --	1-8
A	EP 0987371 A2 (SAKAI HEAVY INDUSTRIES, LTD.), 22 March 2000 (22.03.00) -- -----	1-8

INTERNATIONAL-TYPE SEARCH REPORT
Information on patent family members

06/09/03

Search request No.

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				FR	1304711	A	28/09/62
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US	4568218	A	04/02/86	NONE			
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				EP	1131491	A	12/09/01
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GB	2159236	A	27/11/85	AU	4241085	A	21/11/85
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INTERNATIONAL-TYPE SEARCH REPORT
Information on patent family members

06/09/03

Search request No.

SE 03/00186

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